Director, if appropriate) that the concentration of PCBs in the intake water supply of such facility does not exceed the concentration of PCBs in the receiving water body to which the plant discharges its effluent.

[42 FR 6555, Feb. 2, 1977]

PART 130—WATER QUALITY PLANNING AND MANAGEMENT

AUTHORITY: 33 U.S.C. 1251 *et seq.*

SOURCE: 50 FR 1779, Jan. 11, 1985, unless otherwise noted.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §§130.0 through 130.2 and 130.7 were designated as Subpart A—Summary, Purpose and Definitions, newly redesignated §§130.10 and 130.11 were designated as Subpart B—Water Quality Monitoring and Reporting, newly redesignated §§130.50 and 130.51 were designated as Subpart D—Water Quality Planning and Implementation, and newly redesignated §§130.60 through 130.64 were designated as Subpart E—Miscellaneous Provisions, effective 30 days after the date that Congress allows EPA to implement this regulation.

§ 130.0 Program summary and purpose.

(a) This subpart establishes policies and program requirements for water quality planning, management and implementation under sections 106, 205(j), non-construction management 205(g), 208, 303 and 305 of the Clean Water Act. The Water Quality Management (WQM) process described in the Act and in this regulation provides the authority for a consistent national approach for maintaining, improving and protecting water quality while allowing States to implement the most effective individual programs. The process is implemented jointly by EPA, the States, interstate agencies, and areawide, local and regional planning organizations.

This regulation explains the requirements of the Act, describes the relationships between the several components of the WQM process and outlines the roles of the major participants in the process. The components of the WQM process are discussed below.

(b) Water quality standards (WQS) are the State's goals for individual water bodies and provide the legal basis for control decisions under the Act. Water quality monitoring activities provide the chemical, physical and biological data needed to determine the present quality of a State's waters and to identify the sources of pollutants in those waters. The primary assessment of the quality of a State's water is contained in its biennial Report to Congress required by section 305(b) of the Act.

(c) This report and other assessments of water quality are used in the State's WQM plans to identify priority water quality problems. These plans also contain the results of the State's analyses and management decisions which are necessary to control specific sources of pollution. The plans recommend control measures and designated management agencies (DMAs) to attain the goals established in the State's water quality standards.

(d) These control measures are implemented by issuing permits, building publicly-owned treatment works (POTWs), instituting best management practices for nonpoint sources of pollution and other means. After control measures are in place, the State evaluates the extent of the resulting improvements in water quality, conducts additional data gathering and planning to determine needed modifications in control measures and again institutes control measures.

(e) This process is a dynamic one, in which requirements and emphases vary over time. At present, States have completed WQM plans which are generally comprehensive in geographic and programmatic scope. Technology based controls are being implemented for most point sources of pollution. However, WQS have not been attained in many water bodies and are threatened in others.

(f) Present continuing planning requirements serve to identify these critical water bodies, develop plans for achieving higher levels of abatement and specify additional control measures. Consequently, this regulation reflects a programmatic emphasis on concentrating planning and abatement activities on priority water quality issues and geographic areas. EPA will focus its grant funds on activities designed to address these priorities. Annual work programs negotiated between EPA and State and interstate agencies will reflect this emphasis.

§ 130.1 Applicability.

(a) This subpart applies to all State, eligible Indian Tribe, interstate, areawide and regional and local CWA water quality planning and management activities undertaken on or after February 11, 1985 including all updates and continuing certifications for approved Water Quality Management (WQM) plans developed under sections 208 and 303 of the Act.

(b) Planning and management activities undertaken prior to February 11, 1985 are governed by the requirements of the regulations in effect at the time of the last grant award.

[50 FR 1779, Jan. 11, 1985, as amended at 54 FR 14359, Apr. 11, 1989; 59 FR 13817, Mar. 23, 1994]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, § 130.1 was amended by revising paragraph (a), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§ 130.1 Applicability.

(a) This part applies to all State, eligible Indian Tribe, interstate, areawide and regional and local CWA water quality planning and management activities undertaken on or after February 11, 1985 including all updates and continuing certifications for approved Water Quality Management plans developed under sections 208 and 303 of the Act.

* * * * *

§ 130.2 Definitions.

(a) *The Act.* The Clean Water Act, as amended, 33 U.S.C. 1251 *et seq.*

(b) *Indian Tribe.* Any Indian Tribe, band, group, or community recognized by the Secretary of the Interior and exercising governmental authority over a Federal Indian reservation.

(c) *Pollution.* The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.

(d) *Water quality standards (WQS).* Provisions of State or Federal law which consist of a designated use or uses for the waters of the United States and water quality criteria for such waters based upon such uses. Water quality standards are to protect the public health or welfare, enhance the quality of water and serve the purposes of the Act.

(e) *Load or loading.* An amount of matter or thermal energy that is introduced into a receiving water; to introduce matter or thermal energy into a receiving water. Loading may be either man-caused (pollutant loading) or natural (natural background loading).

(f) *Loading capacity.* The greatest amount of loading that a water can receive without violating water quality standards.

(g) *Load allocation (LA).* The portion of a receiving water's loading capacity that is attributed either to one of its existing or future nonpoint sources of pollution or to natural background sources. Load allocations are best estimates of the loading, which may range from reasonably accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting the loading. Wherever possible, natural and nonpoint source loads should be distinguished.

(h) *Wasteload allocation (WLA).* The portion of a receiving water's loading capacity that is allocated to one of its existing or future point sources of pollution. WLAs constitute a type of water quality-based effluent limitation.

(i) *Total maximum daily load (TMDL).* The sum of the individual WLAs for point sources and LAs for nonpoint sources and natural background. If a receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure. If Best Management Practices (BMPs) or other nonpoint source pollution controls make more stringent load allocations practicable, then wasteload allocations can be made less stringent. Thus, the TMDL process provides for nonpoint source control tradeoffs.

(j) *Water quality limited segment.* Any segment where it is known that water quality does not meet applicable water quality standards, and/or is not expected to meet applicable water quality standards, even after the application of the technology-based effluent limitations required by sections 301(b) and 306 of the Act.

(k) *Water quality management (WQM) plan.* A State or areawide waste treatment management plan developed and updated in accordance with the provisions of sections 205(j), 208 and 303 of the Act and this regulation.

(l) *Areawide agency.* An agency designated under section 208 of the Act, which has responsibilities for WQM planning within a specified area of a State.

(m) *Best Management Practice (BMP).* Methods, measures or practices selected by an agency to meet its nonpoint source control needs. BMPs include but are not limited to structural and nonstructural controls and operation and maintenance procedures. BMPs can be applied before, during and after pollution-producing activities to reduce or eliminate the introduction of pollutants into receiving waters.

(n) *Designated management agency (DMA).* An agency identified by a WQM plan and designated by the Governor to implement specific control recommendations.

[50 FR 1779, Jan. 11, 1985, as amended at 54 FR 14359, Apr. 11, 1989]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, § 130.2 was amended by revising paragraphs (c) through (j) and (m), and by adding paragraphs (o) through (r), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised and added text is set forth as follows:

§ 130.2 Definitions.

* * * * *

(c) *Pollution.* The man-made or man-induced alteration of the chemical, physical,

biological, and radiological integrity of water. (See Clean Water Act section 502(19).)

(d) *Pollutant.* Dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 *et seq.*)), heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into water. This term does not mean: ''sewage from vessels'' within the meaning of section 312 of the Clean Water Act; or water, gas, or other material that is injected into a well to facilitate production of oil or gas, or water derived in association with oil or gas production and disposed of in a well, if the well used either to facilitate production or for disposal purposes is approved by authority of the State in which the well is located, and if the State determines that such injection or disposal will not result in the degradation of ground or surface water resources. (See Clean Water Act section 502(6).)

(e) *Load or loading.* An amount of matter or thermal energy that is introduced into a receiving water; to introduce matter or thermal energy into a receiving water. Loading of pollutants may be either man-caused or natural (natural background loading).

(f) *Load allocation.* The portion of a TMDL's pollutant load allocated to a nonpoint source, storm water source for which a National Pollutant Discharge Elimination System (NPDES) permit is not required, atmospheric deposition, ground water, or background source of pollutants.

(g) *Wasteload allocation.* The portion of a TMDL's pollutant load allocated to a point source of a pollutant for which an NPDES permit is required. For waterbodies impaired by both point and nonpoint sources, wasteload allocations may reflect anticipated or expected reductions of pollutants from other sources if those anticipated or expected reductions are supported by reasonable assurance that they will occur.

(h) *Total maximum daily load (TMDL).* A TMDL is a written, quantitative plan and analysis for attaining and maintaining water quality standards in all seasons for a specific waterbody and pollutant. TMDLs may be established on a coordinated basis for a group of waterbodies in a watershed. TMDLs must be established for waterbodies on Part 1 of the list of impaired waterbodies and must include the following eleven elements:

(1) The name and geographic location of the impaired waterbody;

(2) Identification of the pollutant and the applicable water quality standard;

(3) Quantification of the pollutant load that may be present in the waterbody and still ensure attainment and maintenance of water quality standards;

(4) Quantification of the amount or degree by which the current pollutant load in the waterbody, including the pollutant load from upstream sources that is being accounted for as background loading, deviates from the pollutant load needed to attain and maintain water quality standards;

(5) Identification of source categories, source subcategories or individual sources of the pollutant;

(6) Wasteload allocations;

(7) Load allocations;

(8) A margin of safety;

(9) Consideration of seasonal variations;

(10) Allowance for reasonably foreseeable increases in pollutant loads including future growth; and

(11) An implementation plan.

(i) *Total Maximum Daily Thermal Load (TMDTL).* A TMDTL is a TMDL for impaired waterbodies receiving a thermal discharge.

(j) *Impaired waterbody.* Any waterbody of the United States that does not attain and maintain water quality standards (as defined in 40 CFR part 131) throughout the waterbody due to an individual pollutant, multiple pollutants, or other causes of pollution, including any waterbody for which biological information indicates that it does not attain and maintain water quality standards. Where a waterbody receives a thermal discharge from one or more point sources, impaired means that the waterbody does not have or maintain a balanced indigenous population of shellfish, fish, and wildlife.

* * * * *

(m) *Management measures.* Best practical and economically achievable measures to control the addition of pollutants to waters of the United States through the application of nonpoint pollution control practices, technologies, processes, siting criteria, operating methods, best management practices, or other alternatives.

* * * * *

(o) *Thermal discharge.* The discharge of the pollutant heat from a point source that is required to have an NPDES permit.

(p) *Reasonable assurance.* Reasonable assurance means a demonstration that TMDLs will be implemented through regulatory or voluntary actions, including management measures or other controls, by Federal, State or local governments, authorized Tribes, or individuals.

(1) For point sources regulated under section 402 of the Clean Water Act, the demonstration of reasonable assurance must identify procedures that ensure that NPDES permits will be issued, reissued, or revised as expeditiously as practicable to implement applicable TMDL wasteload allocations for point sources.

(2) For nonpoint sources, storm water sources for which an NPDES permit is not required, atmospheric deposition, ground water or background sources of a pollutant, the demonstration of reasonable assurance must show that management measures or other control actions to implement the load allocations contained in each TMDL meet the following four-part test: they specifically apply to the pollutant(s) and the waterbody for which the TMDL is being established; they will be implemented as expeditiously as practicable; they will be accomplished through reliable and effective delivery mechanisms; and they will be supported by adequate water quality funding.

(i) Adequate water quality funding means that the State, Territory, or authorized Tribe has allocated existing water quality funds from any source to the implementation of the TMDL load allocations to the fullest extent practicable and in a manner consistent with the effective operation of its clean water program. In the event that existing funding is not adequate to fully implement the TMDL load allocations, you may satisfy the funding requirement of reasonable assurance by including an explanation of when adequate funds will become available and the schedule by which these funds will be used to implement the TMDL load allocations. When EPA establishes a TMDL, EPA must show there is adequate funding. It may do so by conditioning Clean Water Act grants to the fullest extent practicable and in a manner consistent with effective operation of other Clean Water Act programs.

(ii) Voluntary and incentive-based actions, or existing programs, procedures or authorities are acceptable means of demonstrating reasonable assurance if they satisfy the four-part test. Examples of voluntary and incentive-based actions include: State, Territorial, or authorized Tribal programs to audit implementation of agricultural or forestry best management practices; memoranda of understanding between States, Territories, authorized Tribes, and organizations representing categories, subcategories, or individual sources; or State-, Territory-, or authorized Tribe-approved programs for categories, subcategories or individual sources to ensure effectiveness of best management practices.

(iii) Examples of existing programs, procedures or authorities that may be reliable delivery mechanisms include State, Territorial, and authorized Tribal programs approved by EPA under section 319 of the Clean Water Act; participation in existing United States Department of Agriculture conservation or water quality protection programs; participation in existing programs under the Coastal Zone Act Reauthorization Amendments; regulations; local ordinances; performance bonds; contracts; cost-share agreements; memoranda of understanding; site-specific or watershed-specific voluntary actions; and compliance audits of best management practices.

(q) *Waterbody.* A geographically defined portion of navigable waters, waters of the contiguous zone, and ocean waters under the jurisdiction of the United States, made up of one or more of the segments of rivers, streams, lakes, wetlands, coastal waters and ocean waters. Identifications of waterbodies should be consistent with the way in which segments are described in State, Territorial, or authorized Tribal water quality standards.

(r) *List of Impaired Waterbodies or ''List.''* The list of all impaired waterbodies submitted by a State, Territory, or authorized Tribe. This list consists of Parts 1, 2, 3, and 4 described in §130.27 and the prioritized schedule described in §130.28. Part 1 of the list consists of the identification of the waterbodies for which TMDLs must be established and a prioritized schedule for establishing TMDLs.

§ 130.3 Water quality standards.

A water quality standard (WQS) defines the water quality goals of a water body, or portion thereof, by designating the use or uses to be made of the water and by setting criteria necessary to protect the uses. States and EPA adopt WQS to protect public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act (CWA). *Serve the purposes of Act* (as defined in sections 101(a)(2) and 303(c) of the Act) means that WQS should, wherever attainable, provide water quality for the protection and propagation of fish, shellfish and wildlife and for recreation in and on the water and take into consideration their use and value for public water supplies, propagation of fish, shellfish, wildlife, recreation in and on the water, and agricultural, industrial and other purposes including navigation.

Such standards serve the dual purposes of establishing the water quality goals for a specific water body and serving as the regulatory basis for establishment of water quality-based treatment controls and strategies beyond the technology-based level of treatment required by sections 301(b) and 306 of the Act. States shall review and revise WQS in accordance with applicable regulations and, as appropriate, update their Water Quality Management (WQM) plans to reflect such revisions.

Specific WQS requirements are found in 40 CFR part 131.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.3 was removed, effective 30 days after the date that Congress allows EPA to implement this regulation.

§ 130.4 Water quality monitoring.

(a) In accordance with section 106(e)(1), States must establish appropriate monitoring methods and procedures (including biological monitoring) necessary to compile and analyze data on the quality of waters of the United States and, to the extent practicable, ground-waters. This requirement need not be met by Indian Tribes. However, any monitoring and/or analysis activities undertaken by a Tribe must be performed in accordance with EPA's quality assurance/quality control guidance.

(b) The State's water monitoring program shall include collection and analysis of physical, chemical and biological data and quality assurance and control programs to assure scientifically valid data. The uses of these data include determining abatement and control priorities; developing and reviewing water quality standards, total maximum daily loads, wasteload allocations and load allocations; assessing compliance with National Pollutant Discharge Elimination System (NPDES) permits by dischargers; reporting information to the public through the section 305(b) report and reviewing site-specific monitoring efforts.

[50 FR 1779, Jan. 11, 1985, as amended at 54 FR 14359, Apr. 11, 1989]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.4 was redesignated as §130.10, and at 65 FR 43663, July 13, 2000, newly redesignated §130.10 was amended in paragraph (a) by adding a note to the paragraph, and by revising paragraph (b), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the added and revised text is set forth as follows:

§ 130.10 Water quality monitoring.

(a) * * *

NOTE TO PARAGRAPH (a): EPA recommends that you use ''Policy and Program Requirements to Implement the Mandatory Quality Assurance Program'', EPA Order 5360.1, April 3, 1984, as revised July 16, 1998, or subsequent revisions.

(b) The State's water monitoring program shall include collection and analysis of physical, chemical and biological data and quality assurance and control programs to assure scientifically valid data. The uses of these data include determining abatement and control priorities; developing and reviewing water quality standards, total maximum daily loads, wasteload allocations and load allocations; assessing compliance with National Pollutant Discharge Elimination System (NPDES) permits by dischargers; reporting information to the public through the section 305(b) report and reviewing site-specific monitoring efforts and source water assessments conducted under the Safe Drinking Water Act.

§ 130.5 Continuing planning process.

(a) *General.* Each State shall establish and maintain a continuing planning process (CPP) as described under section 303(e)(3)(A)—(H) of the Act. Each State is responsible for managing its water quality program to implement the processes specified in the continuing planning process. EPA is responsible for periodically reviewing the adequacy of the State's CPP.

(b) *Content.* The State may determine the format of its CPP as long as the mininum requirements of the CWA and this regulation are met. The following processes must be described in each State CPP, and the State may include other processes at its discretion.

(1) The process for developing effluent limitations and schedules of compliance at least as stringent as those required by sections 301(b) (1) and (2), 306 and 307, and at least stringent as any requirements contained in applicable water quality standards in effect under authority of section 303 of the Act.

(2) The process for incorporating elements of any applicable areawide waste treatment plans under section 208, and applicable basin plans under section 209 of the Act.

(3) The process for developing total maximum daily loads (TMDLs) and individual water quality based effluent limitations for pollutants in accordance with section 303(d) of the Act and §130.7(a) of this regulation.

(4) The process for updating and maintaining Water Quality Management (WQM) plans, including schedules for revision.

(5) The process for assuring adequate authority for intergovernmental cooperation in the implementation of the State WQM program.

(6) The process for establishing and assuring adequate implementation of new or revised water quality standards, including schedules of compliance, under section 303(c) of the Act.

(7) The process for assuring adequate controls over the disposition of all residual waste from any water treatment processing.

(8) The process for developing an inventory and ranking, in order of priority of needs for construction of waste treatment works required to meet the applicable requirements of sections 301 and 302 of the Act.

(9) The process for determining the priority of permit issuance.

(c) *Regional Administrator review.* The Regional Administrator shall review approved State CPPs from time to time to ensure that the planning processes are consistent with the Act and this regulation. The Regional Administrator shall not approve any permit program under Title IV of the Act for any State which does not have an approved continuing planning process.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.5 was redesignated as §130.50, and at 65 FR 43670, July 13, 2000, newly redesignated §130.50 was amended by revising paragraph (b) introductory text and (b)(3), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§ 130.50 Continuing planning process

* * * * *

(b) *Content.* The State may determine the format of its CPP as long as the minimum requirements of the CWA and this regulation are met. A State CPP need not be a single document, provided the State identifies in one document (i.e., an index) the other documents, statutes, rules, policies and guidance that comprise its CPP. The following processes must be described in each State CPP and the State may include other processes, including watershed-based planning and implementation, at its discretion.

* * * * *

(3) The process for developing total maximum daily loads (TMDLs) and individual water quality based effluent limitations for pollutants in accordance with section 303(d) of the Act and §§130.31 through 130.36 of this part.

* * * * *

§ 130.6 Water quality management plans.

(a) *Water quality management (WQM) plans.* WQM plans consist of initial plans produced in accordance with sections 208 and 303(e) of the Act and certified and approved updates to those plans. Continuing water quality planning shall be based upon WQM plans and water quality problems identified in the latest 305(b) reports. State water quality planning should focus annually on priority issues and geographic areas and on the development of water quality controls leading to implementation measures. Water quality planning directed at the removal of conditions placed on previously certified and approved WQM plans should focus on removal of conditions which will lead to control decisions.

(b) *Use of WQM plans.* WQM plans are used to direct implementation. WQM plans draw upon the water quality assessments to identify priority point and nonpoint water quality problems, consider alternative solutions and recommend control measures, including the financial and institutional measures necessary for implementing recommended solutions. State annual work programs shall be based upon the priority issues identified in the State WQM plan.

(c) *WQM plan elements.* Sections 205(j), 208 and 303 of the Act specify water quality planning requirements. The following plan elements shall be included in the WQM plan or referenced as part of the WQM plan if contained in separate documents when they are needed to address water quality problems.

(1) *Total maximum daily loads.* TMDLs in accordance with sections 303(d) and (e)(3)(C) of the Act and §130.7 of this part.

(2) *Effluent limitations.* Effluent limitations including water quality based effluent limitations and schedules of compliance in accordance with section 303(e)(3)(A) of the Act and §130.5 of this part.

(3) *Municipal and industrial waste treatment.* Identification of anticipated municipal and industrial waste treatment works, including facilities for treatment of stormwater-induced combined sewer overflows; programs to provide necessary financial arrangements for such works; establishment of construction priorities and schedules for initiation and completion of such treatment works including an identification of open space and recreation opportunities from improved water quality in accordance with section 208(b)(2) (A) and (B) of the Act.

(4) *Nonpoint source management and control.* (i) The plan shall describe the regulatory and non-regulatory programs, activities and Best Management Practices (BMPs) which the agency has selected as the means to control nonpoint source pollution where necessary to protect or achieve approved water uses. Economic, institutional, and technical factors shall be considered in a continuing process of identifying control needs and evaluating and modifying the BMPs as necessary to achieve water quality goals.

(ii) Regulatory programs shall be identified where they are determined to be necessary by the State to attain or maintain an approved water use or where non-regulatory approaches are inappropriate in accomplishing that objective.

(iii) BMPs shall be identified for the nonpoint sources identified in section 208(b)(2)(F)–(K) of the Act and other nonpoint sources as follows:

(A) *Residual waste.* Identification of a process to control the disposition of all residual waste in the area which could affect water quality in accordance with section 208(b)(2)(J) of the Act.

(B) *Land disposal.* Identification of a process to control the disposal of pollutants on land or in subsurface excavations to protect ground and surface water quality in accordance with section 208(b)(2)(K) of the Act.

(C) *Agricultural and silvicultural.* Identification of procedures to control agricultural and silvicultural sources of pollution in accordance with section 208(b)(2)(F) of the Act.

(D) *Mines.* Identification of procedures to control mine-related sources of pollution in accordance with section 208(b)(2)(G) of the Act.

(E) *Construction.* Identification of procedures to control construction related sources of pollution in accordance with section 208(b)(2)(H) of the Act.

(F) *Saltwater intrusion.* Identification of procedures to control saltwater intrusion in accordance with section 208(b)(2)(I) of the Act.

(G) *Urban stormwater.* Identification of BMPs for urban stormwater control to achieve water quality goals and fiscal analysis of the necessary capital and operations and maintenance expenditures in accordance with section 208(b)(2)(A) of the Act.

(iv) The nonpoint source plan elements outlined in §130.6(c) (4)(iii)(A)(G) of this regulation shall be the basis of water quality activities implemented through agreements or memoranda of understanding between EPA and other departments, agencies or instrumentalities of the United States in accordance with section 304(k) of the Act.

(5) *Management agencies.* Identification of agencies necessary to carry out the plan and provision for adequate authority for intergovernmental cooperation in accordance with sections 208(b)(2)(D) and 303(e)(3)(E) of the Act. Management agencies must demonstrate the legal, institutional, managerial and financial capability and specific activities necessary to carry out their responsibilities in accordance with section 208(c)(2)(A) through (I) of the Act.

(6) *Implementation measures.* Identification of implementation measures necessary to carry out the plan, including financing, the time needed to carry out the plan, and the economic, social and environmental impact of carrying out the plan in accordance with section 208(b)(2)(E).

(7) *Dredge or fill program.* Identification and development of programs for the control of dredge or fill material in accordance with section 208(b)(4)(B) of the Act.

(8) *Basin plans.* Identification of any relationship to applicable basin plans developed under section 209 of the Act.

(9) *Ground water.* Identification and development of programs for control of ground-water pollution including the provisions of section 208(b)(2)(K) of the Act. States are not required to develop ground-water WQM plan elements beyond the requirements of section 208(b)(2)(K) of the Act, but may develop a ground-water plan element if they determine it is necessary to address a ground-water quality problem. If a State chooses to develop a ground-water plan element, it should describe the essentials of a State program and should include, but is not limited to:

(i) Overall goals, policies and legislative authorities for protection of ground-water.

(ii) Monitoring and resource assessment programs in accordance with section 106(e)(1) of the Act.

(iii) Programs to control sources of contamination of ground-water including Federal programs delegated to the State and additional programs authorized in State statutes.

(iv) Procedures for coordination of ground-water protection programs among State agencies and with local and Federal agencies.

(v) Procedures for program management and administration including provision of program financing, training and technical assistance, public participation, and emergency management.

(d) *Indian Tribes.* An Indian Tribe is eligible for the purposes of this rule and the Clean Water Act assistance programs under 40 CFR part 35, subparts A and H if:

(1) The Indian Tribe has a governing body carrying out substantial governmental duties and powers;

(2) The functions to be exercised by the Indian Tribe pertain to the management and protection of water resources which are held by an Indian Tribe, held by the United States in trust for Indians, held by a member of an Indian Tribe if such property interest is subject to a trust restriction on alienation, or otherwise within the borders of an Indian reservation; and

(3) The Indian Tribe is reasonably expected to be capable, in the Regional Administrator's judgment, of carrying out the functions to be exercised in a manner consistent with the terms and purposes of the Clean Water Act and applicable regulations.

(e) *Update and certification.* State and/or areawide agency WQM plans shall be updated as needed to reflect changing water quality conditions, results of implementation actions, new requirements or to remove conditions in prior conditional or partial plan approvals. Regional Administrators may require that State WQM plans be updated as needed. State Continuing Planning Processes (CPPs) shall specify the process and schedule used to revise WQM plans. The State shall ensure that State and areawide WQM plans together include all necessary plan elements and that such plans are consistent with one another. The Governor or the Governor's designee shall certify by letter to the Regional Administrator for EPA approval that WQM plan updates are consistent with all other parts of the plan. The certification may be contained in the annual State work program.

(f) *Consistency.* Construction grant and permit decisions must be made in accordance with certified and approved WQM plans as described in §§ 130.12(a) and 130.12(b).

[50 FR 1779, Jan. 11, 1985, as amended at 54 FR 14360, Apr. 11, 1989; 59 FR 13818, Mar. 23, 1994]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, § 130.6 was redesignated as § 130.51, and at 65 FR 43670, July 13, 2000, newly redesignated § 130.51 was amended by revising paragraphs (a), (c)(1), and (f), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§ 130.51 Water quality management plans

(a) *Water quality management plans.* You must base continuing water quality planning on initial water quality management plans produced in accordance with sections 208 and 303(e) of the Clean Water Act and certified and approved updates to those plans. Your annual water quality planning should focus on priority issues and geographic areas identified in your latest section 305(b) reports and have a watershed focus. Water quality planning should be directed at the removal of conditions placed on previously certified and approved water quality management

plans and updates to support the implementation of wasteload allocations and load allocations contained in TMDLs.

* * * * *

(c) * * *

(1) *Total Maximum Daily Loads.* TMDLs in accordance with section 303(d) and (e)(3)(C) of the Act and §§130.2 and 130.31 through 130.36; also lists of impaired waters in accordance with §§130.2 and 130.22 through 130.30.

* * * * *

(f) *Consistency.* Construction grant and permit decisions must be made in accordance with certified and approved WQM plans as described in §§130.63(a) and (b). Likewise, financial assistance under the State water pollution control revolving funds may be made only to projects which are in conformity with such plans as specified in section 603(f) of the Act.

* * * * *

§ 130.7 Total maximum daily loads (TMDL) and individual water quality-based effluent limitations.

(a) *General.* The process for identifying water quality limited segments still requiring wasteload allocations, load allocations and total maximum daily loads (WLAs/LAs and TMDLs), setting priorities for developing these loads; establishing these loads for segments identified, including water quality monitoring, modeling, data analysis, calculation methods, and list of pollutants to be regulated; submitting the State's list of segments identified, priority ranking, and loads established (WLAs/LAs/TMDLs) to EPA for approval; incorporating the approved loads into the State's WQM plans and NPDES permits; and involving the public, affected dischargers, designated areawide agencies, and local governments in this process shall be clearly described in the State Continuing Planning Process (CPP).

(b) Identification and priority setting for water quality-limited segments still requiring TMDLs.

(1) Each State shall identify those water quality-limited segments still requiring TMDLs within its boundaries for which:

(i) Technology-based effluent limitations required by sections 301(b), 306, 307, or other sections of the Act;

(ii) More stringent effluent limitations (including prohibitions) required by either State or local authority preserved by section 510 of the Act, or Federal authority (law, regulation, or treaty); and

(iii) Other pollution control requirements (e.g., best management practices) required by local, State, or Federal authority are not stringent enough to implement any water quality standards (WQS) applicable to such waters.

(2) Each State shall also identify on the same list developed under paragraph (b)(1) of this section those water quality-limited segments still requiring TMDLs or parts thereof within its boundaries for which controls on thermal discharges under section 301 or State or local requirements are not stringent enough to assure protection and propagation of a balanced indigenous population of shellfish, fish and wildlife.

(3) For the purposes of listing waters under §130.7(b), the term ''water quality standard applicable to such waters'' and ''applicable water quality standards'' refer to those water quality standards established under section 303 of the Act, including numeric criteria, narrative criteria, waterbody uses, and antidegradation requirements.

(4) The list required under §§130.7(b)(1) and 130.7(b)(2) of this section shall include a priority ranking for all listed water quality-limited segments still requiring TMDLs, taking into account the severity of the pollution and the uses to be made of such waters and shall identify the pollutants causing or expected to cause violations of the applicable water quality standards. The priority ranking shall specifically include the identification of waters targeted for TMDL development in the next two years.

(5) Each State shall assemble and evaluate all existing and readily available water quality-related data and information to develop the list required by §§130.7(b)(1) and 130.7(b)(2). At a minimum ''all existing and readily available water quality-related data and information'' includes but is not

limited to all of the existing and readily available data and information about the following categories of waters:

(i) Waters identified by the State in its most recent section 305(b) report as ''partially meeting'' or ''not meeting'' designated uses or as ''threatened'';

(ii) Waters for which dilution calculations or predictive models indicate nonattainment of applicable water quality standards;

(iii) Waters for which water quality problems have been reported by local, state, or federal agencies; members of the public; or academic institutions. These organizations and groups should be actively solicited for research they may be conducting or reporting. For example, university researchers, the United States Department of Agriculture, the National Oceanic and Atmospheric Administration, the United States Geological Survey, and the United States Fish and Wildlife Service are good sources of field data; and

(iv) Waters identified by the State as impaired or threatened in a nonpoint assessment submitted to EPA under section 319 of the CWA or in any updates of the assessment.

(6) Each State shall provide documentation to the Regional Administrator to support the State's determination to list or not to list its waters as required by §§130.7(b)(1) and 130.7(b)(2). This documentation shall be submitted to the Regional Administrator together with the list required by §§130.7(b)(1) and 130.7(b)(2) and shall include at a minimum:

(i) A description of the methodology used to develop the list; and

(ii) A description of the data and information used to identify waters, including a description of the data and information used by the State as required by §130.7(b)(5); and

(iii) A rationale for any decision to not use any existing and readily available data and information for any one of the categories of waters as described in §130.7(b)(5); and

(iv) Any other reasonable information requested by the Regional Administrator. Upon request by the Regional Administrator, each State must demonstrate good cause for not including a water or waters on the list. Good cause includes, but is not limited to, more recent or accurate data; more sophisticated water quality modeling; flaws in the original analysis that led to the water being listed in the categories in §130.7(b)(5); or changes in conditions, e.g., new control equipment, or elimination of discharges.

(c) Development of TMDLs and individual water quality based effluent limitations.

(1) Each State shall establish TMDLs for the water quality limited segments identified in paragraph (b)(1) of this section, and in accordance with the priority ranking. For pollutants other than heat, TMDLs shall be established at levels necessary to attain and maintain the applicable narrative and numerical WQS with seasonal variations and a margin of safety which takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. Determinations of TMDLs shall take into account critical conditions for stream flow, loading, and water quality parameters.

(i) TMDLs may be established using a pollutant-by-pollutant or biomonitoring approach. In many cases both techniques may be needed. Site-specific information should be used wherever possible.

(ii) TMDLs shall be established for all pollutants preventing or expected to prevent attainment of water quality standards as identified pursuant to paragraph (b)(1) of this section. Calculations to establish TMDLs shall be subject to public review as defined in the State CPP.

(2) Each State shall estimate for the water quality limited segments still requiring TMDLs identified in paragraph (b)(2) of this section, the total maximum daily thermal load which cannot be exceeded in order to assure protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife. Such estimates shall take into account the normal water temperatures, flow rates, seasonal variations, existing sources of heat input, and the dissipative capacity of the identified waters or parts thereof. Such estimates shall include a calculation of the maximum heat input that can be

made into each such part and shall include a margin of safety which takes into account any lack of knowledge concerning the development of thermal water quality criteria for protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife in the identified waters or parts thereof.

(d) *Submission and EPA approval.* (1) Each State shall submit biennially to the Regional Administrator beginning in 1992 the list of waters, pollutants causing impairment, and the priority ranking including waters targeted for TMDL development within the next two years as required under paragraph (b) of this section. For the 1992 biennial submission, these lists are due no later than October 22, 1992. Thereafter, each State shall submit to EPA lists required under paragraph (b) of this section on April 1 of every even-numbered year. For the year 2000 submission, a State must submit a list required under paragraph (b) of this section only if a court order or consent decree, or commitment in a settlement agreement dated prior to January 1, 2000, expressly requires EPA to take action related to that State's year 2000 list. The list of waters may be submitted as part of the State's biennial water quality report required by §130.8 of this part and section 305(b) of the CWA or submitted under separate cover. All WLAs/LAs and TMDLs established under paragraph (c) for water quality limited segments shall continue to be submitted to EPA for review and approval. Schedules for submission of TMDLs shall be determined by the Regional Administrator and the State.

(2) The Regional Administrator shall either approve or disapprove such listing and loadings not later than 30 days after the date of submission. The Regional Administrator shall approve a list developed under §130.7(b) that is submitted after the effective date of this rule only if it meets the requirements of §130.7(b). If the Regional Administrator approves such listing and loadings, the State shall incorporate them into its current WQM plan. If the Regional Administrator disapproves such listing and loadings, he shall, not later than 30 days after the date of such disapproval, identify such waters in such State and establish such loads for such waters as determined necessary to implement applicable WQS. The Regional Administrator shall promptly issue a public notice seeking comment on such listing and loadings. After considering public comment and making any revisions he deems appropriate, the Regional Administrator shall transmit the listing and loads to the State, which shall incorporate them into its current WQM plan.

(e) For the specific purpose of developing information and as resources allow, each State shall identify all segments within its boundaries which it has not identified under paragraph (b) of this section and estimate for such waters the TMDLs with seasonal variations and margins of safety, for those pollutants which the Regional Administrator identifies under section 304(a)(2) as suitable for such calculation and for thermal discharges, at a level that would assure protection and propagation of a balanced indigenous population of fish, shellfish and wildlife. However, there is no requirement for such loads to be submitted to EPA for approval, and establishing TMDLs for those waters identified in paragraph (b) of this section shall be given higher priority.

[50 FR 1779, Jan. 11, 1985, as amended at 57 FR 33049, July 24, 1992; 65 FR 17170, Mar. 31, 2000]

EFFECTIVE DATE NOTE: At 65 FR 43663, July 13, 2000, §130.7 was revised, effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§130.7 Total maximum daily loads (TMDL) and individual water quality-based effluent limitations.

(a)–(b) [Reserved]

(c) *Development of TMDLs and individual water quality based effluent limitations.* This paragraph will expire January 11, 2002 or nine months from the effective date of this rule, whichever occurs later.

(1) Each State shall establish TMDLs for the waterbodies identified at §130.27(a) and in accordance with the priority ranking. For pollutants other than heat, TMDLs shall be established at levels necessary to attain and maintain the applicable narrative and numerical WQS with seasonal variations and a margin of safety which takes into account any lack of knowledge concerning the relationship between effluent limitations and

water quality. Determinations of TMDLs shall take into account critical conditions for stream flow, loading, and water quality parameters.

(i) TMDLs may be established using a pollutant-by-pollutant or biomonitoring approach. In many cases both techniques may be needed. Site-specific information should be used wherever possible.

(ii) TMDLs shall be established for all pollutants preventing or expected to prevent attainment of water quality standards as identified pursuant to §130.27(a). Calculations to establish TMDLs shall be subject to public review as defined in the State CPP.

(2) Each State shall estimate for the waterbodies identified at §130.27(a) that require thermal TMDLs, the total maximum daily thermal load which cannot be exceeded in order to assure protection and propagation of a balanced, indigenous population of shell-fish, fish and wildlife. Such estimates shall take into account the normal water temperatures, flow rates, seasonal variations, existing sources of heat input, and the dissipative capacity of the identified waters or parts thereof. Such estimates shall include a calculation of the maximum heat input that can be made into each such part and shall include a margin of safety which takes into account any lack of knowledge concerning the development of thermal water quality criteria for protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife in the identified waters or parts thereof.

§130.8 Water quality report.

(a) Each State shall prepare and submit biennially to the Regional Administrator a water quality report in accordance with section 305(b) of the Act. The water quality report serves as the primary assessment of State water quality. Based upon the water quality data and problems identified in the 305(b) report, States develop water quality management (WQM) plan elements to help direct all subsequent control activities. Water quality problems identified in the 305(b) report should be analyzed through water quality management planning leading to the development of alternative controls and procedures for problems identified in the latest 305(b) report. States may also use the 305(b) report to describe ground-water quality and to guide development of ground-water plans and programs. Water quality problems identified in the 305(b) report should be emphasized and reflected in the State's WQM plan and annual work program under sections 106 and 205(j) of the Clean Water Act.

(b) Each such report shall include but is not limited to the following:

(1) A description of the water quality of all waters of the United States and the extent to which the quality of waters provides for the protection and propagation of a balanced population of shellfish, fish, and wildlife and allows recreational activities in and on the water.

(2) An estimate of the extent to which CWA control programs have improved water quality or will improve water quality for the purposes of paragraph (b)(1) of this section, and recommendations for future actions necessary and identifications of waters needing action.

(3) An estimate of the environmental, economic and social costs and benefits needed to achieve the objectives of the CWA and an estimate of the date of such achievement.

(4) A description of the nature and extent of nonpoint source pollution and recommendations of programs needed to control each category of nonpoint sources, including an estimate of implementation costs.

(5) An assessment of the water quality of all publicly owned lakes, including the status and trends of such water quality as specified in section 314(a)(1) of the Clean Water Act.

(c) States may include a description of the nature and extent of groundwater pollution and recommendations of State plans or programs needed to maintain or improve ground-water quality.

(d) In the years in which it is prepared the biennial section 305(b) report satisfies the requirement for the annual water quality report under section 205(j). In years when the 305(b) report is not required, the State may satisfy the annual section 205(j) report requirement by certifying that the most recently submitted section 305(b) report is current or by supplying an update of the sections of the most recently submitted section 305(b) report which require updating.

[50 FR 1779, Jan.11, 1985, as amended at 57 FR 33050, July 24, 1992]

EFFECTIVE DATE NOTE: At 65 FR 43662 July 13, 2000, §130.8 was redesignated as §130.11,

and at 65 FR 43664, newly redesignated §130.11 was amended by revising paragraph (a), effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§130.11 Water quality report.

(a) Each State shall prepare and submit biennially to the Regional Administrator a water quality report in accordance with section 305(b) of the Act. The water quality report serves as the primary assessment of State water quality. Based upon the water quality data and problems identified in the 305(b) report, States develop water quality management (WQM) plan elements to help direct all subsequent control activities. Water quality problems identified in the 305(b) report should be analyzed through water quality management planning leading to the development of alternative controls and procedures for problems identified in the latest 305(b) report. States may also use the 305(b) report to describe ground-water quality and to guide development of groundwater plans and programs. Water quality problems identified in the 305(b) report should be emphasized and reflected in the State's WQM plan and annual work program under sections 106 and 205(j) of the Clean Water Act and where the designated use includes public water supply, in the source water assessment conducted under the SDWA.

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§130.9 Designation and de-designation.

(a) *Designation.* Areawide planning agencies may be designated by the Governor in accordance with section 208(a) (2) and (3) of the Act or may self-designate in accordance with section 208(a)(4) of the Act. Such designations shall subject to EPA approval in accordance with section 208(a)(7) of the Act.

(b) *De-designation.* The Governor may modify or withdraw the planning designation of a designated planning agency other than an Indian tribal organization self-designated §130.6(c)(2) if:

(1) The areawide agency requests such cancellation; or

(2) The areawide agency fails to meet its planning requirements as specified in grant agreements, contracts or memoranda of understanding; or

(3) The areawide agency no longer has the resources or the commitment to continue water quality planning activities within the designated boundaries.

(c) *Impact of de-designation.* Once an areawide planning agency's designation has been withdrawn the State agency shall assume direct responsibility for continued water quality planning and oversight of implementation within the area.

(d) *Designated management agencies (DMA).* In accordance with section 208(c)(1) of the Act, management agencies shall be designated by the Governor in consultation with the designated planning agency. EPA shall approve such designations unless the DMA lacks the legal, financial and managerial authority required under section 208(c)(2) of the Act. Designated management agencies shall carry out responsibilities specified in Water Quality Management (WQM) plans. Areawide planning agencies shall monitor DMA activities in their area and recommend necessary plan changes during the WQM plan update. Where there is no designated areawide planning agency, States shall monitor DMA activities and make any necessary changes during the WQM plan update.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.9 was redesignated as §130.60, effective 30 days after the date that Congress allows EPA to implement this regulation.

§130.10 State submittals to EPA.

(a) The following must be submitted regularly by the States to EPA:

(1) The section 305(b) report, in FY 84 and every two years thereafter, and the annual section 205(j) certification or update of the 305(b) water quality report; (Approved by OMB under the control number 2040–0071)

(2) The annual State work program(s) under sections 106 and 205(j) of the Act; and (Approved by OMB under the control number 2010–0004)

(3) Revisions or additions to water quality standards (WQS) (303(c)). (Approved by OMB under 2040–0049)

(b) The Act also requires that each State initially submit to EPA and revise as necessary the following:

(1) Continuing planning process (CPP) (303(e));

(2) Identification of water quality-limited waters still requiring TMDLs

(section 303(d)), pollutants, and the priority ranking including waters targeted for TMDL development within the next two years as required under §130.7(b) in accordance with the schedule set for in §130.7(d)(1).

(Approved by the Office of Management and Budget under control number 2040–0071)

(3) Total maximum daily loads (TMDLs) (303(d)); and

(4) Water quality management (WQM) plan and certified and approved WQM plan updates (208, 303(e)). (Paragraph (b)(1), (4) approved by OMB under the control number 2010–0004).

(c) The form and content of required State submittals to EPA may be tailored to reflect the organization and needs of the State, as long as the requirements and purposes of the Act, this part and, where applicable, 40 CFR parts 29, 30, 33 and 35, subparts A and J are met. The need for revision and schedule of submittals shall be agreed to annually with EPA as the States annual work program is developed.

(d) Not later than February 4, 1989, each State shall submit to EPA for review, approval, and implementation—

(1) A list of those waters within the State which after the application of effluent limitations required under section 301(b)(2) of the CWA cannot reasonably be anticipated to attain or maintain (i) water quality standards for such waters reviewed, revised, or adopted in accordance with section 303(c)(2)(B) of the CWA, due to toxic pollutants, or (ii) that water quality which shall assure protection of public health, public water supplies, agricultural and industrial uses, and the protection and propagation of a balanced population of shellfish, fish and wildlife, and allow recreational activities in and on the water;

(2) A list of all navigable waters in such State for which the State does not expect the applicable standard under section 303 of the CWA will be achieved after the requirements of sections 301(b), 306, and 307(b) are met, due entirely or substantially to discharges from point sources of any toxic pollutants listed pursuant to section 307(a);

(3) For each segment of navigable waters included on such lists, a determination of the specific point source discharging any such toxic pollutant which is believed to be preventing or impairing such water quality and the amount of each such toxic pollutant discharged by each such source.

(Approved by the Office of Management and Budget under control number 2040-0152)

(4) For the purposes of listing waters under §130.10(d)(2), *applicable standard* means a numeric criterion for a priority pollutant promulgated as part of a state water quality standard. Where a state numeric criterion for a priority pollutant is not promulgated as part of a state water quality standard, for the purposes of listing waters ''applicable standard'' means the state narrative water quality criterion to control a priority pollutant (e.g., no toxics in toxic amounts) interpreted on a chemical-by-chemical basis by applying a proposed state cirterion, an explicit state policy or regulation, or an EPA national water quality criterion, supplemented with other relevant information.

(5) If a water meets either of the two conditions listed below the water must be listed under §130.10(d)(2) on the grounds that the applicable standard is not achieved or expected to be achieved due entirely or substantially to discharges from point sources.

(i) Existing or additional water quality-based limits on one or more point sources would result in the achievement of an applicable water quality standard for a toxic pollutant; or

(ii) The discharge of a toxic pollutant from one or more point sources, regardless of any nonpoint source contribution of the same pollutant, is sufficient to cause or is expected to cause an excursion above the applicable water quality standard for the toxic pollutant.

(6) Each state shall assemble and evaluate all existing and readily available water quality-related data and information and each state shall develop the lists required by paragraphs (d)(1), (2), and (3) of this section based upon this data and information. At a minimum, all existing and readily available water quality-related data and information includes, but is not limited to, all of the existing and readily available data about the following categories of waters in the state:

(i) Waters where fishing or shellfish bans and/or advisories are currently in effect or are anticipated.

(ii) Waters where there have been repeated fishkills or where abnormalities (cancers, lesions, tumors, etc.) have been observed in fish or other aquatic life during the last ten years.

(iii) Waters where there are restrictions on water sports or recreational contact.

(iv) Waters identified by the state in its most recent state section 305(b) report as either ''partially achieving'' or ''not achieving'' designated uses.

(v) Waters identified by the states under section 303(d) of the CWA as waters needing water quality-based controls.

(vi) Waters identified by the state as priority waterbodies. (State Water Quality Management plans often include priority waterbody lists which are those waters that most need water pollution control decisions to achieve water quality standards or goals.)

(vii) Waters where ambient data indicate potential or actual exceedances of water quality criteria due to toxic pollutants from an industry classified as a primary industry in appendix A of 40 CFR part 122.

(viii) Waters for which effluent toxicity test results indicate possible or actual exceedances of state water quality standards, including narrative ''free from'' water quality criteria or EPA water quality criteria where state criteria are not available.

(ix) Waters with primary industrial major dischargers where dilution analyses indicate exceedances of state narrative or numeric water quality criteria (or EPA water quality criteria where state standards are not available) for toxic pollutants, ammonia, or chlorine. These dilution analyses must be based on estimates of discharge levels derived from effluent guidelines development documents, NPDES permits or permit application data (e.g., Form 2C), Discharge Monitoring Reports (DMRs), or other available information.

(x) Waters with POTW dischargers requiring local pretreatment programs where dilution analyses indicate exceedances of state water quality criteria (or EPA water quality criteria where state water quality criteria are not available) for toxic pollutants, ammonia, or chlorine. These dilution analyses must be based upon data from NPDES permits or permit applications (e.g., Form 2C), Discharge Monitoring Reports (DMRs), or other available information.

(xi) Waters with facilities not included in the previous two categories such as major POTWs, and industrial minor dischargers where dilution analyses indicate exceedances of numeric or narrative state water quality criteria (or EPA water quality criteria where state water quality criteria are not available) for toxic pollutants, ammonia, or chlorine. These dilution analyses must be based upon estimates of discharge levels derived from effluent guideline development documents, NPDES permits or permit application data, Discharge Monitoring Reports (DMRs), or other available information.

(xii) Waters classified for uses that will not support the ''fishable/swimmable'' goals of the Clean Water Act.

(xiii) Waters where ambient toxicity or adverse water quality conditions have been reported by local, state, EPA or other Federal Agencies, the private sector, public interest groups, or universities. These organizations and groups should be actively solicited for research they may be conducting or reporting. For example, university researchers, the United States Department of Agriculture, the National Oceanic and Atmospheric Administration, the United States Geological Survey, and the United States Fish and Wildlife Service are good sources of field data and research.

(xiv) Waters identified by the state as impaired in its most recent Clean Lake Assessments conducted under section 314 of the Clean Water Act.

(xv) Waters identified as impaired by nonpoint sources in the *America's Clean Water: The States' Nonpoint Source Assessments* 1985 (Association of State and Interstate Water Pollution Control Administrators (ASIWPCA)) or waters identified as impaired or threatened in a nonpoint source assessment submitted by the state to EPA under section 319 of the Clean Water Act.

(xvi) Surface waters impaired by pollutants from hazardous waste sites on the National Priority List prepared under section 105(8)(A) of CERCLA.

(7) Each state shall provide documentation to the Regional Administrator to support the state's determination to list or not to list waters as required by paragraphs (d)(1), (d)(2) and (d)(3) of this section. This documentation shall be submitted to the Regional Administrator together with the lists required by paragraphs (d)(1), (d)(2), and (d)(3) of this section and shall include as a minimum:

(i) A description of the methodology used to develop each list;

(ii) A description of the data and information used to identify waters and sources including a description of the data and information used by the state as required by paragraph (d)(6) of this section;

(iii) A rationale for any decision not to use any one of the categories of existing and readily available data required by paragraph (d)(6) of this section; and

(iv) Any other information requested by the Regional Administrator that is reasonable or necessary to determine the adequacy of a state's lists. Upon request by the Regional Administrator, each state must demonstrate good cause for not including a water or waters on one or more lists. Good cause includes, but is not limited to, more recent or accurate data; more accurate water quality modeling; flaws in the original analysis that led to the water being identified in a category in §130.10(d)(6); or changes in conditions, e.g., new control equipment, or elimination of discharges.

(8) The Regional Administrator shall approve or disapprove each list required by paragraphs (d)(1), (d)(2), and (d)(3) of this section no later than June 4, 1989. The Regional Administrator shall approve each list required under paragraphs (d)(1), (d)(2), and (d)(3) of this section only if it meets the regulatory requirements for listing under paragraphs (d)(1), (d)(2), and (d)(3) of this section and if the state has met all the requirements of paragraphs (d)(6) and (d)(7) of this section.

(9) If a state fails to submit lists in accordance with paragraph (d) of this section or the Regional Administrator does not approve the lists submitted by such state in accordance with this paragraph, then not later than June 4, 1990, the Regional Administrator, in cooperation with such state, shall implement the requirements of CWA section 304(l) (1) and (2) in such state.

(10) If the Regional Administrator disapproves a state's decision with respect to one or more of the waters required under paragraph (d) (1), (2), or (3) of this section, or one or more of the individual control strategies required pursuant to section 304(l)(1)(D), then not later than June 4, 1989, the Regional Administrator shall distribute the notice of approval or disapproval given under this paragraph to the appropriate state Director. The Regional Administrator shall also publish a notice of availability, in a daily or weekly newspaper with state-wide circulation or in the FEDERAL REGISTER, for the notice of approval or disapproval. The Regional Administrator shall also provide written notice to each discharger identified under section 304(l)(1)(C), that EPA has listed the discharger under section 304(l)(1)(C). The notice of approval and disapproval shall include the following:

(i) The name and address of the EPA office that reviews the state's submittals.

(ii) A brief description of the section 304(l) process.

(iii) A list of waters, point sources and pollutants disapproved under this paragraph.

(iv) If the Regional Administrator determines that a state did not provide adequate public notice and an opportunity to comment on the lists prepared under this section, or if the Regional Administrator chooses to exercise his or her discretion, a list of waters, point sources, or pollutants approved under this paragraph.

(v) The name, address, and telephone number of the person at the Regional Office from whom interested persons may obtain more information.

(vi) Notice that written petitions or comments are due within 120 days.

(11) As soon as practicable, but not later than June 4, 1990, the Regional

Office shall issue a response to petitions or comments received under paragraph (d)(10) of this section. Notice shall be given in the same manner as notice described in paragraph (d)(10) of this section, except for the following changes to the notice of approvals and disapprovals:

(i) The lists of waters, point sources and pollutants must reflect any changes made pursuant to comments or petitions received.

(ii) A brief description of the subsequent steps in the section 304(l) process shall be included.

[50 FR 1779, Jan. 11, 1985, as amended at 54 FR 258, Jan. 4, 1989; 54 FR 23897, June 2, 1989; 57 FR 33050, July 24, 1992]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.10 was redesignated as §130.61, and at 65 FR 43670, July 13, 2000, newly redesignated §130.61 was amended by removing paragraphs (b)(2) and (d), effective 30 days after the date that Congress allows EPA to implement this regulation.

§ 130.11 Program management.

(a) State agencies may apply for grants under sections 106, 205(j) and 205(g) to carry out water quality planning and management activities. Interstate agencies may apply for grants under section 106 to carry out water quality planning and management activities. Local or regional planning organizations may request 106 and 205(j) funds from a State for planning and management activities. Grant administrative requirements for these funds appear in 40 CFR parts 25, 29, 30, 33 and 35, subparts A and J.

(b) Grants under section 106 may be used to fund a wide range of activities, including but not limited to assessments of water quality, revision of water quality standards (WQS), development of alternative approaches to control pollution, implementation and enforcement of control measures and development or implementation of ground water programs. Grants under section 205(j) may be used to fund water quality management (WQM) planning activities but may not be used to fund implementation of control measures (see part 35, subpart A). Section 205(g) funds are used primarily to manage the wastewater treatment works construction grants program pursuant to the provisions of 40 CFR part 35, subpart J. A State may also use part of the 205(g) funds to administer approved permit programs under sections 402 and 404, to administer a statewide waste treatment management program under section 208(b)(4) and to manage waste treatment construction grants for small communities.

(c) Grant work programs for water quality planning and management shall describe geographic and functional priorities for use of grant funds in a manner which will facilitate EPA review of the grant application and subsequent evaluation of work accomplished with the grant funds. A State's 305(b) Report, WQM plan and other water quality assessments shall identify the State's priority water quality problems and areas. The WQM plan shall contain an analysis of alternative control measures and recommendations to control specific problems. Work programs shall specify the activities to be carried out during the period of the grant; the cost of specific activities; the outputs, for example, permits issued, intensive surveys, wasteload allocations, to be produced by each activity; and where applicable, schedules indicating when activities are to be completed.

(d) State work programs under sections 106, 205(j) and 205(g) shall be coordinated in a manner which indicates the funding from these grants dedicated to major functions, such as permitting, enforcement, monitoring, planning and standards, nonpoint source implementation, management of construction grants, operation and maintenance of treatment works, ground-water, emergency response and program management. States shall also describe how the activities funded by these grants are used in a coordinated manner to address the priority water quality problems identified in the State's water quality assessment under section 305(b).

(e) EPA, States, areawide agencies, interstate agencies, local and Regional governments, and designated management agencies (DMAs) are joint participants in the water pollution control program. States may enter into

contractual arrangements or intergovernmental agreements with other agencies concerning the performance of water quality planning and management tasks. Such arrangements shall reflect the capabilities of the respective agencies and shall efficiently utilize available funds and funding eligibilities to meet Federal requirements commensurate with State and local priorities. State work programs under section 205(j) shall be developed jointly with local, Regional and other comprehensive planning organizations.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.11 was redesignated as §130.62, effective 30 days after the date that Congress allows EPA to implement this regulation.

§130.12 Coordination with other programs.

(a) Relationship to the National Pollutant Discharge Elimination System (NPDES) program. In accordance with section 208(e) of the Act, no NPDES permit may be issued which is in conflict with an approved Water Quality Management (WQM) plan. Where a State has assumed responsibility for the administration of the permit program under section 402, it shall assure consistency with the WQM plan.

(b) Relationship to the municipal construction grants program. In accordance with sections 205(j), 216 and 303(e)(3)(H) of the Act, each State shall develop a system for setting priorities for funding construction of municipal wastewater treatment facilities under section 201 of the Act. The State, or the agency to which the State has delegated WQM planning functions, shall review each facility plan in its area for consistency with the approved WQM plan. Under section 208(d) of the Act, after a waste treatment management agency has been designated and a WQM plan approved, section 201 construction grant funds may be awarded only to those agencies for construction of treatment works in conformity with the approved WQM plan.

(c) Relationship to Federal activities—Each department, agency or instrumentality of the executive, legislative and judicial branches of the Federal Government having jurisdiction over any property or facility or engaged in any activity resulting, or which may result, in the discharge or runoff of pollutants shall comply with all Federal, State, interstate and local requirements, administrative authority, and process and sanctions respecting the control and abatement of water pollution in the same manner and extent as any non-governmental entity in accordance with section 313 of the CWA.

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.12 was redesignated as §130.63, effective 30 days after the date that Congress allows EPA to implement this regulation.

§130.15 Processing application for Indian tribes.

The Regional Administrator shall process an application of an Indian Tribe submitted under §130.6(d) in a timely manner. He shall promptly notify the Indian Tribe of receipt of the application.

[54 FR 14360, Apr. 11, 1989, as amended at 59 FR 13818, Mar. 23, 1994]

EFFECTIVE DATE NOTE: At 65 FR 43662, July 13, 2000, §130.15 was redesignated as §130.64, and at 65 FR 43670, July 13, 2000, newly redesignated §130.64 was revised, effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the revised text is set forth as follows:

§130.64 Processing application for Indian Tribes

The Regional Administrator shall process an application of an Indian Tribe submitted under §130.51(d) in a timely manner. He shall promptly notify the Indian Tribe of receipt of the application.

Subpart C—Identifying Impaired Waterbodies And Establishing Total Maximum Daily Loads (TMDLs)

SOURCE: 65 FR 43664, July 13, 2000, unless otherwise noted.

EFFECTIVE DATE NOTE: At 65 FR 43664, July 13, 2000, Subpart C was added consisting of §§130.20 through 130.37, effective 30 days after the date that Congress allows EPA to implement this regulation. For the convenience of the user, the added text is set forth as follows:

WHAT THIS SUBPART COVERS

§ 130.20 Who must comply with subpart C in this part?

(a) Subpart C applies to States, Territories, and authorized Tribes. The term ''you'' in this subpart refers to these three governmental entities.

(b) Portions of this subpart apply to the United States Environmental Protection Agency (EPA). When this is the case, the rule specifies EPA's responsibilities and obligations.

§ 130.21 What is the purpose of this subpart?

(a) This subpart explains how to identify and list impaired waterbodies and establish TMDLs in accordance with section 303(d) of the Clean Water Act. The subpart also explains how EPA reviews and approves or disapproves your lists and TMDLs. Specifically, the subpart explains how to:

(1) Assemble all existing and readily available water quality-related data and information;

(2) Document your methodology for considering and evaluating all existing and readily available water quality-related data and information to make decisions on your list and provide the methodology to EPA and the public;

(3) Identify impaired waterbodies to be included on the list and decide which of those waterbodies will have TMDLs established for them;

(4) Identify the pollutant or pollutants causing the impairment for all waterbodies on Part 1 of your list;

(5) Develop a prioritized schedule for establishing TMDLs for waterbodies on Part 1 of your list;

(6) Establish TMDLs for waterbodies on Part 1 of your list and submit them to EPA for review;

(7) Provide public notice and an opportunity for public comment on your methodology, your list, and TMDLs prior to final submission to EPA.

(b) It also explains how EPA must:

(1) Review and approve or disapprove your list of impaired waterbodies;

(2) Develop a list where you fail to do so or if EPA disapproves your list;

(3) Review and approve or disapprove your TMDLs;

(4) Establish TMDLs if you have not made substantial progress in establishing TMDLs in accordance with your approved schedule, or if EPA disapproves your TMDLs .

LISTING IMPAIRED WATERBODIES, AND DOCUMENTING YOUR METHODOLOGY FOR MAKING LISTING DECISIONS

§ 130.22 What data and information do you need to assemble and consider to identify and list impaired waterbodies?

(a) You need to assemble and consider all existing and readily available water quality-related data and information when you develop your list of impaired waterbodies.

(b) Existing and readily available water quality-related data and information includes at a minimum the data and information in and forming the basis for the following:

(1) Your most recent EPA approved section 303(d) list;

(2) Your most recent Clean Water Act section 305(b) report;

(3) Clean Water Act section 319 nonpoint source assessments;

(4) Drinking water source water assessments under section 1453 of the Safe Drinking Water Act;

(5) Dilution calculations, trend analyses, or predictive models for determining the physical, chemical or biological integrity of streams, rivers, lakes, and estuaries; and

(6) Data, information, and water quality problems reported from local, State, Territorial, or Federal agencies (especially the U.S. Geological Survey National Water Quality Assessment (NAWQA) and National Stream Quality Accounting Network (NASQAN)), Tribal governments, members of the public, and academic institutions.

§ 130.23 How do you develop and document your methodology for considering and evaluating all existing and readily available data and information to develop your list?

(a) Your methodology needs to explain how you will consider and evaluate all existing and readily available water quality-related data and information to determine which waterbodies you will include on Parts 1, 2, 3, and 4 of your list, and to determine how you will prioritize your schedule for establishing TMDLs for

waterbodies on Part 1 of your list. You must develop a draft methodology and notify the public of the availability of the draft methodology for review and comment. You should notify directly those who submit a written request for notification. You must provide the public an opportunity to submit comments on the draft methodology for no less than 60 days. You must provide a summary of all comments received and your responses to significant comments when you provide a copy of the final methodology to EPA, as required by §130.24 of this subpart. You must make your final methodology available to the public when you provide a copy to EPA.

(b) The methodology should explain how you will consider and evaluate the following types of data and information when you make listing decisions and develop your prioritized schedule for TMDL establishment:

(1) Physical data and information;

(2) Chemical data and information;

(3) Biological data and information;

(4) Aquatic and riparian habitat data and information; and

(5) Other data and information about waterbody impairments, including drinking water susceptibility analyses.

(c) Your methodology should, at a minimum, identify those types of data and information that you will treat as ''existing and readily available'' and explain how you consider the following factors in making listing decisions and in developing your prioritized schedule for TMDL establishment:

(1) Data quality and age;

(2) Degree of confidence you have in the information you use to determine whether waterbodies are impaired, including a description of the quality assurance/quality control factors you will apply to data and information; and

(3) Number and degree of exceedances of numeric or narrative criteria and periods of nonattainment of designated uses or other factors used to determine whether waterbodies are impaired.

(d) Your methodology should describe the procedures and methods you will use to collect ambient water quality information.

(e) Your methodology should, at a minimum, also include the following:

(1) A description of the selection factors you will use to include and remove waterbodies from your list;

(2) A process for resolving disagreements with other jurisdictions involving waterbodies crossed by State, Territorial, Tribal or international boundaries; and

(3) A description of the method and factors you will use to develop your prioritized schedule for establishing TMDLs.

§130.24 When must you provide your methodology to EPA?

(a)(1) If this section is not effective by May 1, 2001, you must provide to EPA a description of the methodology used to develop your 2002 list and a description of the data and information used to identify waters (including a description of the existing and readily available data and information used by the State, Territory, and authorized Tribe) by April 1, 2002. The provisions of §130.23(b) through (e) do not apply to this methodology.

(2) If this section is effective on or before May 1, 2001, you must provide your final methodology for your 2002 list and a summary of public comments on your methodology by November 1, 2001. This methodology will apply to the list required in 2002.

(b) You must provide to EPA the final methodology and a summary of public comments for your 2006 and subsequent lists submitted under §130.30(a) no later than two years before you submit your next list, beginning in the year 2004. For example, you provide to EPA the methodology for your 303(d) list for 2006 on or before April 1, 2004. When providing final methodologies to EPA, you need to provide only the parts of the previous methodology you are revising; however, prior to submitting your final methodology to EPA, the entire methodology must be available to the public.

(c) EPA will review your final methodology and will provide you with comments within 60 days of receiving it. EPA will not approve or disapprove your methodology. EPA will consider your methodology in its review and approval or disapproval of your next list.

§ 130.25 What is the scope of your list of impaired waterbodies?

(a) Your approvable list of impaired waterbodies includes, based on all existing and readily available water quality-related data and information using appropriate quality assurance/quality control:

(1) Waterbodies that are impaired by individual pollutants, multiple pollutants, or pollution from any source, including point sources, nonpoint sources, storm water sources for which a National Pollutant Discharge Elimination System (NPDES) permit is not required, ground water, and atmospheric deposition.

(2) Waterbodies for which biological information indicates that they do not attain and maintain water quality standards.

(3) Waterbodies that are impaired by point sources only, nonpoint sources only, or by a combination of point and nonpoint sources.

(b) Your list may include, at your option, waterbodies that are not impaired, but which, based on expected changes in loadings or conditions, you anticipate will become impaired in the next four years.

§ 130.26 How do you apply your water quality standards antidegradation policy to the listing of impaired waterbodies?

(a) Water quality standards as defined at 40 CFR part 131 include several requirements, including one for a State antidegradation policy. Your list must include waterbodies consistent with your antidegradation policy as described below.

(1) Any waterbody is impaired if it is not maintaining a designated use or more protective existing use that was attained on or after November 28, 1975.

(2) Any Tier 3 waterbody is impaired when the level of water quality that existed at the time the waterbody was designated as Tier 3 has declined. Tier 3 waters are waters you have designated as outstanding national resource waters.

(b) [Reserved]

§ 130.27 How must you format your list of impaired waterbodies?

(a) Your list of impaired waterbodies must include the following four parts:

(1) *Part 1.* Waterbodies impaired by one or more pollutant(s) as defined by §130.2(d), unless listed in Part 3 or 4. Waterbodies identified as impaired through biological information must be listed on Part 1 unless you know that the impairment is not caused by one or more pollutants, in which case you may place the waterbody on Part 2 of the list. Where the waterbody is listed due to biological information, the first step in establishing the TMDL is identifying the pollutant(s) causing the impairment. Waterbodies must also be included on Part 1 where you or EPA have determined, in accordance with §§130.32(c)(1)(v), (2)(vii), and (3)(i), that a TMDL needs to be revised. Waterbodies that you chose to list pursuant to §130.25(b), because you anticipate that they will become impaired by one or more pollutant(s), must be included on Part 1 of your list. A TMDL is required for waterbodies on Part 1 of the list.

(2) *Part 2.* Waterbodies impaired by pollution as defined by §130.2(c) but not impaired by one or more pollutants. A TMDL is not required for waterbodies on Part 2 of the list.

(3) *Part 3.* Waterbodies for which EPA has approved or established a TMDL and water quality standards have not yet been attained. The waterbody must be placed on Part 1 of the list and scheduled for establishment of a new TMDL if you or EPA determine that substantial progress towards attaining the water quality standard is not occurring.

(4) *Part 4.* Waterbodies that are impaired, for which the State, Territory, or authorized Tribe demonstrates that water quality standards will be attained by the date of submission of the next list as a result of implementation of technology-based effluent limitations required by sections 301(b), 306, or 307 of the Clean Water Act or other controls enforceable by State, Territorial or authorized Tribal or Federal law or regulation (including more stringent water quality-based effluent limitations in NPDES permits). A TMDL is not required for waterbodies

on Part 4. If a waterbody listed on Part 4 does not attain water quality standards by the time the next list is required to be submitted to EPA, such waterbody must be included on Part 1 unless you can demonstrate that the failure to attain water quality standards is due to failure of point source dischargers to comply with applicable NPDES permit effluent limitations, which are in effect. TMDLs for waterbodies moved from Part 4 to Part 1 of the list must be scheduled for establishment in accordance with the requirements of §130.28(b).

(b) You must identify:

(1) The pollutant or pollutants causing the impairment for each waterbody on Part 1 of the list, or for waterbodies for which the impairment is a result of biological information, the pollutant or pollutants if known.

(2) The type of pollution causing the impairment for each waterbody on Part 2.

(3) The geographic location of each waterbody on the list, using the National Hydrography Database or subsequent revisions, or a compatible georeferenced database.

(c) Any one of the three reporting formats described in this paragraph are acceptable.

(1) *Separate section 303(d) list.* You may submit your list as a separate four-part section 303(d) list.

(2) *Consolidated section 303(d) list and section 305(b) report.* You may submit your list as a component of your water quality report (section 305(b) report) . You must clearly identify the parts of your water quality report you are submitting as your four-part section 303(d) list.

(3) *Part 1 waterbodies in section 303(d) report and Parts 2, 3, and 4 waterbodies in section 305(b) report.* You may submit Part 1 of your list as a separate section 303(d) list, provided you include Parts 2, 3, and 4 of your list as a component of your section 305(b) water quality report and clearly identify the parts of your water quality report that you are submitting as Parts 2, 3, and 4 of your section 303(d) list.

(d) EPA will approve or disapprove your four-part section 303(d) list regardless of the reporting format that you use.

§130.28 What must your prioritized schedule for submitting TMDLs to EPA contain?

(a) Your list must include a prioritized schedule for establishing TMDLs for all waterbodies and pollutant combinations on Part 1 of your list.

(b) You must schedule establishment of TMDLs:

(1) as expeditiously as practicable, evenly paced over the duration of the schedule;

(2) no later than 10 years from July 10, 2000, if the waterbody and pollutant was listed on any part of the list before that date or 10 years from the due date of the first subsequent list after July 10, 2000, on which the waterbody and pollutant is initially included. You may extend the schedule for one or more TMDLs by no more than five years if you explain to EPA as part of your list submission that, despite expeditious actions, establishment of all TMDLs on Part 1 of your list within 10 years is not practicable.

(c) You must identify each specific TMDL you intend to establish and the one year period during which it is scheduled to be established. Your schedule should provide for the coordinated establishment of TMDLs within a watershed to the fullest extent practicable.

(d) You must:

(1) explain how you considered the severity of the impairment and the designated use of the waterbody in prioritizing waterbodies for TMDL establishment on your schedule.

(2) Identify waterbodies:

(i) That are designated in water quality standards as a public drinking water supply, or are used as a source of drinking water, and are impaired by a pollutant that is contributing to a violation of a national primary drinking water regulation (NPDWR) by a public water system or causes a public water system to be vulnerable to a violation of a NPDWR; or

(ii) Where species listed as threatened or endangered under section 4 of the Endangered Species Act are present in the waterbody.

(3) Waterbodies identified in this subsection must be given a higher priority

unless you explain why a different priority is appropriate.

(e) When identifying and scheduling your waterbodies for TMDL establishment, you may also consider the presence of sensitive aquatic species and other factors such as the historical, cultural, economic and aesthetic uses of the waterbody. You may consider other factors in prioritizing your schedule, including the value and vulnerability of particular waterbodies; the recreational, economic, and aesthetic importance of particular waterbodies; TMDL complexity; the degree of public interest and support; State, Territorial and authorized Tribal policies and priorities; national policies and priorities; or the efficiencies that might result from coordinating the establishment of TMDLs for multiple waterbodies located in the same watershed. If you are using a rotating basin approach, you may take that approach into account when prioritizing waterbodies on your schedule because of the inherent efficiencies of such an approach.

(f) If you consider other factors, you should identify each factor and explain how you used each factor in prioritizing your schedule.

§ 130.29 Can you modify your list?

(a) You may modify your list at times other than those required by § 130.30, in accordance with this section. If you modify your list and prioritized schedule, you must submit your list to EPA as a modification to your list under this section and follow the public participation requirements of § 130.36, except that such requirements shall apply only to waterbodies and issues addressed by the modification. The requirements of subsections (b), (c), (d), and (e) of this section apply to lists submitted under § 130.30(a) or at any other time.

(b) You must keep each impaired waterbody on your list for a particular pollutant until it is attaining and maintaining applicable water quality standards for that pollutant.

(c) You may remove a listed waterbody for a particular pollutant if new data or information indicate that the waterbody is attaining and maintaining the applicable water quality standards for that pollutant.

(d) You may add a waterbody to your list if you have data or information indicating that it is impaired.

(e) You may modify your prioritized schedule for establishing TMDLs in accordance with § 130.28 based on new information provided that the modification does not reduce the number of TMDLs scheduled for completion during the first four years of the current approved schedule.

(f) EPA must issue an order approving or disapproving the modification of your list or prioritized schedule in accordance with § 130.30(b).

(g) EPA may also issue an order modifying a list consistent with the provisions of paragraphs (c), (d) and (e) of this section, after providing notice and an opportunity for public comment.

§ 130.30 When must you submit your list of impaired waterbodies to EPA and what will EPA do with it?

(a) You must submit your list of impaired waterbodies to EPA by April 1 of every fourth year, beginning in the year 2002.

(b) EPA must:

(1) Issue an order approving or disapproving your list or modification of your list, within 30 days of receipt, in whole or in part if it is not consistent with the requirements of §§ 130.25 through 130.29.

(2) By order, within 30 days of disapproval, issue a new list consistent with §§ 130.25 through 130.29 if EPA disapproves or partially disapproves your list or modification of your list.

(3) Publish the order required by paragraph (b)(2) of this section in the FEDERAL REGISTER and a general circulation newspaper in your State, Territory, or where your Tribe is located and request public comment for at least 30 days.

(4) Issue a subsequent order revising the new list after the close of the public comment period, as appropriate, if EPA revises its initial order required by paragraph (b)(2) of this section based on public comment.

(5) Send you a copy of its order(s).

(6) Establish a list of impaired waterbodies for your State, Territory,

or authorized Tribe consistent with §§130.25 through 130.29 if you fail to do so by April 1 of every fourth year.

(c) EPA may establish lists of waterbodies that do not attain and maintain Federal water quality standards.

(d) You must incorporate into your water quality management plan those portions of your list that EPA approves or establishes.

ESTABLISHMENT AND EPA REVIEW OF TMDLS

§ 130.31 Which waterbodies need TMDLs?

(a) You must establish TMDLs for all waterbodies and pollutant combinations on Part 1 of your list in accordance with your approved schedule and submit the TMDLs to EPA.

(b) You do not need to establish TMDLs for waterbodies on Parts 2, 3, and 4 of your list.

§ 130.32 What are the minimum elements of a TMDL submitted to EPA?

(a) A TMDL is a written, quantitative plan and analysis for attaining and maintaining water quality standards in all seasons for a specific waterbody and pollutant. TMDLs may be established on a coordinated basis for a group of waterbodies in a watershed. A TMDL provides the opportunity to compare relative contributions of pollutants from all sources and consider technical and economic tradeoffs between point and nonpoint sources.

(b) You must include the following minimum elements in any TMDL submitted to EPA:

(1) The name and geographic location, as required by §130.27(b)(3), of the impaired waterbody for which the TMDL is being established and, to the extent known, the names and geographic locations of the waterbodies upstream of the impaired waterbody that contribute significant amounts of the pollutant for which the TMDL is being established;

(2) Identification of the pollutant and the applicable water quality standard for which the TMDL is being established;

(3) Quantification of the pollutant load that may be present in the waterbody and still ensure attainment and maintenance of water quality standards;

(4) Quantification of the amount or degree by which the current pollutant load in the waterbody, including the pollutant load from upstream sources that is being accounted for as background loading, deviates from the pollutant load needed to attain and maintain water quality standards;

(5) Identification of source categories, source subcategories, or individual sources of the pollutant consistent with the definitions of load and wasteload allocation in §§130.2(f) and (g), respectively, for which the wasteload allocations and load allocations are being established;

(6) Wasteload allocations assigned to point sources permitted under section 402 of the Clean Water Act discharging the pollutant for which the TMDL is being established that will, when implemented in conjunction with assigned load allocations, if any, result in the attainment and maintenance of water quality standards in the waterbody. Wasteload allocations that reflect pollutant load reductions for point sources needed to ensure that the waterbody attains and maintains water quality standards must be expressed as individual wasteload allocations for each source. Wasteload allocations that do not reflect pollutant load reductions from point sources needed for the waterbody to attain and maintain water quality standards may be expressed as an individual wasteload allocation for a source or may be included within a wasteload allocation for a category or subcategory of sources. Wasteload allocations for sources subject to a specified general permit, regardless of whether they reflect pollutant reductions, may be allotted to categories of sources. You should submit supporting technical analyses demonstrating that wasteload allocations, when implemented in conjunction with necessary load allocations, will result in the attainment and maintenance of the water quality standard(s) applicable to the pollutant for which the TMDL is being established;

(7) Load allocations, ranging from reasonably accurate estimates to gross allotments, for nonpoint sources of a pollutant, storm water sources for which an NPDES permit is not required, atmospheric deposition, ground water or background sources of a pollutant that, when implemented in conjunction with assigned wasteload allocations, if any, result in the attainment and maintenance of water quality standards in the waterbody. If feasible, a separate load allocation must be allocated to each source of a pollutant. Where this is not feasible, load allocations may be allocated to categories or subcategories of sources. Pollutant loads from sources that do not need to be reduced for the waterbody to attain and maintain water quality standards may be included within a category of sources or subcategory of sources. You should submit supporting technical analyses demonstrating that load allocations, when implemented in conjunction with necessary wasteload allocations, will result in the attainment and maintenance of water quality standards applicable to the pollutant for which the TMDL is being established;

(8) A margin of safety that appropriately accounts for uncertainty related to the TMDL, including uncertainties associated with pollutant loads, modeling water quality, and monitoring water quality. A margin of safety may be expressed as unallocated assimilative capacity or conservative analytical assumptions used in establishing the TMDL;

(9) Consideration of seasonal variations, stream water flow levels, and other environmental factors that affect the relationship between pollutant loadings and water quality impacts, such that the allocations will result in attainment and maintenance of water quality standards in all seasons of the year and during all flow conditions;

(10) Allowance for reasonably foreseeable increases in pollutant loads including future growth; and

(11) An implementation plan which meets the requirements of paragraph (c) of this section.

(c) The purpose of the implementation plan is to provide a description, in a level of detail appropriate to the circumstances, of actions necessary to implement the TMDL so that the waterbody attains and maintains water quality standards. EPA does not expect the implementation plan to be a complex, lengthy document.

(1) For waterbodies impaired only by point sources for which NPDES permits will implement the TMDL, an implementation plan must include:

(i) An identification of the wasteload allocation(s) that the effluent limitation(s) must be consistent with pursuant to §122.44(d)(1)(vii)(B) in the NPDES permit(s) that will be issued, reissued, or revised. In all instances, the NPDES permit effluent limitation(s) must be consistent with the applicable wasteload allocation(s). You must identify:

(A) The point sources that are or will be regulated by individual permits and the categories or subcategories of point sources that are or will be regulated by general permits that will be subject to such effluent limitations.

(B) The permit, if you intend to implement the wasteload allocation by requiring a point source to apply for coverage under an existing NPDES general permit.

(C) The elements of the general permit necessary to ensure implementation of the wasteload allocation, if you intend for a point source to be regulated by a new general permit.

(ii) A schedule for issuing, reissuing or revising the NPDES permit(s) as expeditiously as practicable to include effluent limits consistent with the wasteload allocation(s) in the TMDL. EPA must:

(A) Reissue or revise the permit(s) within two years after the establishment of the TMDL where EPA is the NPDES permitting authority.

(B) Notify the NPDES Director of EPA's intent to object to the permit pursuant to the provisions of §123.44(k) within one year after expiration of the permit term, or where the permit term expired prior to the establishment of the TMDL, within one year from establishment of the TMDL where the State is the NPDES permitting authority, and the permit term has expired.

(C) Issue an NPDES permit that incorporates effluent limitations based on wasteload allocation(s) in the TMDL within one year thereafter

where the State has not done so. Nothing in this paragraph (c)(1)(ii) limits EPA's authority to reissue a permit after the expiration of the two-year time frame set forth in this paragraph (c)(1)(ii), or invoke the mechanism described in §123.44(k) after the expiration of either of the one-year time frames set forth in this paragraph (c)(1)(ii).

(iii) The date by which the implementation plan will result in the waterbody attaining and maintaining applicable water quality standards and the basis for that determination;

(iv) A monitoring and/or modeling plan designed to measure the effectiveness of the controls implementing the wasteload allocations and the progress the waterbody is making toward attaining water quality standards; and

(v) The criteria you will use to determine that substantial progress toward attaining water quality standards is being made and if not, the criteria for determining whether the TMDL needs to be revised.

(2) For waterbodies impaired only by nonpoint source(s), storm water sources for which an NPDES permit is not required, atmospheric deposition, ground water or background sources of a pollutant where no NPDES permit will implement the TMDL, the implementation plan must include:

(i) An identification of the source categories, source subcategories, or individual sources of the pollutant which must be controlled to implement the load allocations;

(ii) A description of specific regulatory or voluntary actions, including management measures or other controls, by Federal, State or local governments, authorized Tribes, or individuals that provide reasonable assurance, consistent with §130.2(p), that load allocations will be implemented and achieve the assigned load reductions. Your selection of management measures for achieving the load allocation may recognize both the natural variability and the difficulty in precisely predicting the performance of management measures over time;

(iii) A schedule, which is as expeditious as practicable, for implementing the management measures or other control actions to achieve load allocations in the TMDL within 5 years, when implementation within this period is practicable;

(iv) The date by which the implementation plan will result in the waterbody attaining and maintaining applicable water quality standards, and the basis for that determination;

(v) A description of interim, measurable milestones for determining whether management measures or other control actions are being implemented;

(vi) A monitoring and/or modeling plan designed to measure the effectiveness of the management measures or other controls implementing the load allocations and the progress the waterbody is making toward attaining water quality standards, and a process for implementing stronger and more effective management measures if necessary; and

(vii) The criteria you will use to determine that substantial progress toward attaining water quality standards is being made and if not, the criteria for determining whether the TMDL needs to be revised.

(3) For waterbodies impaired by both point sources and nonpoint sources where NPDES permits and management measures or other control actions for nonpoint or other sources will implement the TMDL, the implementation plan must include:

(i) The elements of paragraphs (c)(1) and (2) of this section; and

(ii) A description of the extent to which wasteload allocations reflect expected achievement of load allocations requiring reductions in loadings.

(4) For all impaired waterbodies, the implementation plan must be based on a goal of attaining and maintaining the applicable water quality standards within ten years whenever attainment and maintenance within this period is practicable.

(d) TMDTLs must meet all the requirements of paragraphs (b) and (c) of this section, except that, rather than estimating a TMDTL at a level necessary to attain and maintain water quality standards, you must estimate the TMDTL as required by statute at a level necessary to ensure protection and propagation of a balanced indigenous population of shellfish, fish, and

wildlife, taking into account the normal water temperatures, flow rates, seasonal variations, existing sources of heat input, and dissipative capacity of the waterbody for which the TMDTL is being established. Estimates for those waterbodies must include a calculation of the maximum heat input and a margin of safety that takes into account any lack of knowledge concerning the development of thermal water quality criteria.

(e) A TMDL must not be likely to jeopardize the continued existence of an endangered or threatened species listed under section 4 of the Endangered Species Act or result in the destruction or adverse modification of its designated critical habitat.

§ 130.33 How are TMDLs expressed?

(a) A TMDL must contain a quantitative expression of the pollutant load or load reduction necessary to ensure that the waterbody will attain and maintain water quality standards, or, as appropriate, the pollutant load or load reduction required to attain and maintain aquatic or riparian habitat, biological, channel or geomorphological or other conditions that will result in attainment and maintenance of water quality standards.

(b) As appropriate to the characteristics of the waterbody and pollutant, the pollutant load or load reduction may be expressed in one or more of the following ways:

(1) The pollutant load that can be present in the waterbody and ensure that it attains and maintains water quality standards;

(2) The reduction from current pollutant loads required to attain and maintain water quality standards;

(3) The pollutant load or reduction of pollutant load required to attain and maintain aquatic, riparian, biological, channel or geomorphological measures so that water quality standards are attained and maintained;

(4) A quantitative expression of a modification of a characteristic of the waterbody, *e.g.*, aquatic and riparian habitat, biological, channel, geomorphological, or chemical characteristics, that results in a pollutant load or reduction of pollutant load so that water quality standards are attained and maintained; or

(5) In terms of either mass per time, toxicity or other appropriate measure.

§ 130.34 What actions must EPA take on TMDLs that are submitted for review?

(a) EPA must:

(1) Review each TMDL you submit to determine if it meets the requirements of §§ 130.31, 130.32 and 130.33 and issue an order approving or disapproving each TMDL you submit within 30 days after you submit it.

(2) Disapprove the TMDL if it does not meet all those requirements.

(3) Issue an order establishing a new TMDL for a waterbody and pollutant within 30 days of EPA's disapproval or determination of the need for revision, if EPA disapproves a TMDL you submit or determines that an existing TMDL needs to be revised.

(4) Publish this order in the FEDERAL REGISTER and a general circulation newspaper and request public comment for at least 30 days.

(5) Issue a subsequent order revising the TMDL after the close of the public comment period, as appropriate, if EPA revises its initial order based on public comment.

(6) Send you the final TMDL EPA establishes. You must incorporate any EPA-established or EPA approved TMDL into your water quality management plan.

(b) When EPA establishes a TMDL it must provide reasonable assurance. It may satisfy the adequate funding requirement of reasonable assurance by conditioning Clean Water Act grants to the fullest extent practicable and in a manner consistent with effective operation of other Clean Water Act programs.

(c) EPA may also use any of its statutory or regulatory authorities and voluntary, incentive-based programs, as it determines appropriate, to supplement conditioning Clean Water Act grants in demonstrating reasonable assurance.

§ 130.35 How will EPA assure that TMDLs are established?

(a) EPA must assure that TMDLs for waterbodies and pollutants identified

on Part 1 of your list are established. EPA must do this by:

(1) Working with you to assure that TMDLs are established in accordance with your schedule; and

(2) Establishing a TMDL if you have not made substantial progress in establishing the TMDL in accordance with your approved schedule. Substantial progress means that you have established a TMDL not later than the end of the one-year period during which it was scheduled to be established. EPA must establish the TMDL within two years of the date on which you fail to make substantial progress. The Administrator may extend this period for no more than two years on a case-by-case basis if there is a compelling need for additional time. Notice of such extension shall be published in the FEDERAL REGISTER.

(b) EPA may establish TMDLs under other circumstances including:

(1) You request that EPA do so; or

(2) EPA determines it is necessary to establish a TMDL for an interstate or boundary waterbody or to implement Federal water quality standards.

(c) In establishing any TMDL pursuant to this section, EPA shall provide notice and an opportunity for public comment on such order.

PUBLIC PARTICIPATION

§ 130.36 What public participation requirements apply to your lists and TMDLs?

(a) You must provide public notice and allow the public no less than 30 days to review and comment on your list of impaired waterbodies and TMDLs prior to submission to EPA. You should notify directly those who submit a written request for notification.

(b) At the time you make your submission to EPA, you must provide EPA with a summary of all public comments received on your list and TMDLs and your response to all significant comments, indicating how the comments were considered in your final decision.

(c) Prior to your submission to EPA, and at the time that you provide the public the opportunity to review and comment on your list and TMDLs:

(1) You must provide a copy of each of these documents to EPA, the U.S. Fish and Wildlife Service, and to the National Marine Fisheries Service where appropriate (*e.g.*, coastal areas), unless you request EPA to provide these documents to the Services, in which case EPA will do so.

(2) You are encouraged to establish processes with both the U.S. Fish and Wildlife Service and the National Marine Fisheries Service that will provide for the early identification and resolution of threatened and endangered species concerns as they relate to your list and TMDLs. To facilitate consideration of endangered and threatened species in the listing and TMDL process, EPA will ask the U.S. Fish and Wildlife Service and the National Marine Fisheries Service, where appropriate, to provide you and EPA with any comments that they may have on your lists and TMDLs.

(3) You must consider any comments from EPA, the U.S. Fish and Wildlife Service, or the National Marine Fisheries Service in establishing your list and TMDLs and document your consideration of these comments in accordance with paragraph (b) of this section.

(d) EPA will review any comments submitted by the U.S. Fish and Wildlife Service or the National Marine Fisheries Service and consider how you addressed these and EPA's comments prior to EPA's approval or disapproval of your submission.

TMDLS ESTABLISHED DURING THE TRANSITION

§ 130.37 What is the effect of this rule on TMDLs established during the transition?

(a) EPA will approve any TMDL submitted to it for review before January 11, 2002 or nine months from the effective date of this rule, whichever occurs later, if the TMDL meets either the requirements in §130.7 in effect prior to July 13, 2000 or the requirements in §§130.31, 130.32 and 130.33 of this subpart C.

(b) EPA will establish TMDLs before Janaury 11, 2002 or nine months from the effective date of this rule, whichever occurs later, either according to the requirements in §130.7 in effect

prior to July 13, 2000 or the requirements in §§130.31, 130.32 and 130.33 of this subpart C.

PART 131—WATER QUALITY STANDARDS

Subpart A—General Provisions

Subpart B—Establishment of Water Quality Standards

Subpart C—Procedures for Review and Revision of Water Quality Standards

Subpart D—Federally Promulgated Water Quality Standards

AUTHORITY: 33 U.S.C. 1251 *et seq.*

SOURCE: 48 FR 51405, Nov. 8, 1983, unless otherwise noted.

Subpart A—General Provisions

§ 131.1 Scope.

This part describes the requirements and procedures for developing, reviewing, revising, and approving water quality standards by the States as authorized by section 303(c) of the Clean Water Act. Additional specific procedures for developing, reviewing, revising, and approving water quality standards for Great Lakes States or Great Lakes Tribes (as defined in 40 CFR 132.2) to conform to section 118 of the Clean Water Act and 40 CFR part 132, are provided in 40 CFR part 132.

[60 FR 15386, Mar. 23, 1995]

§ 131.2 Purpose.

A water quality standard defines the water quality goals of a water body, or portion thereof, by designating the use or uses to be made of the water and by setting criteria necessary to protect the uses. States adopt water quality standards to protect public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act (the Act). ''Serve the purposes of the Act'' (as defined in sections 101(a)(2) and 303(c) of the Act) means that water quality standards should, wherever attainable, provide water quality for the protection and propagation of fish, shellfish and wildlife and for recreation in and on the water and take into consideration their use and value of public water supplies, propagation of fish, shellfish, and wildlife, recreation in and on the water, and agricultural, industrial, and other purposes including navigation.

Such standards serve the dual purposes of establishing the water quality goals for a specific water body and serve as the regulatory basis for the establishment of water-quality-based treatment controls and strategies beyond the technology-based levels of treatment required by sections 301(b) and 306 of the Act.

§ 131.3 Definitions.

(a) *The Act* means the Clean Water Act (Pub. L. 92–500, as amended (33 U.S.C. 1251 *et seq.*)).